

BA Math with a Concentration in Finance  
Sample Degree program

Fall	Winter	Spring	
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**First Year**

FSEM 1111 First Year Seminar	4	WRIT 1122 Academic Writing	4	WRIT 1133 - Writing and Research	4
MATH 1951 Calculus I	4	MATH 1952 Calculus II	4	MATH 1953 Calculus III	4
SI Society	4	AI Society	4	SI Society	4
Foreign Language	4	Foreign Language	4	Foreign Language	4
<b>16 QH</b>		<b>16 QH</b>		<b>16 QH</b>	

**Second Year**

MATH 2060 Elements of Linear Algebra	4	MATH 2070 Into to Differential Equations <sup>2</sup>	4	MATH 2080 Multivariable Calculus	4
Minor	4	MATH 2200 Intro to Discrete Structures	4	MATH3161 Intro to Real Analysis <sup>3</sup>	4
AI Society	4	Minor <sup>1</sup>	4	Minor	4
SI Natural	4	SI Natural	4	SI Natural	4
<b>16 QH</b>		<b>16 QH</b>		<b>16 QH</b>	

**Third Year**

MATH 3080 Introduction to Probability <sup>2</sup>	16	MATH 3090 Mathematical Probability	4	MATH3161 Intro to Real Analysis <sup>3</sup>	4
ASEM 2xxx Advanced Seminar	4	ACTG 2200 Intro to Financial Reporting <sup>5</sup>	4	FIN 2800 Financial Decision Making	4
Minor	4	Minor	4	Elective	4
Elective	4	Elective	4	Elective	4
<b>16 QH</b>		<b>16 QH</b>		<b>16 QH</b>	

**Fourth Year**

MATH 3170 Intro to Abstract Algebra <sup>3</sup>	4	Math 2xxx or 3xxx Math Elective	4	FIN 3xxx Finance Elective <sup>4</sup>	4
FIN 3xxx Finance Elective <sup>4</sup>	4	FIN 3xxx Finance Elective <sup>4</sup>	4	Elective	4
Elective	4	Elective	4	Elective	4
Elective	4	Elective	4	Elective	4
<b>16 QH</b>		<b>16 QH</b>		<b>16 QH</b>	

**Required Total Hours**

**192 QH**

Notes:

1. Related choices for minors include Economics, Statistics, or Computer Science. Students are not allowed to minor in Business Foundations or Finance.
2. MATH 2070 & MATH3080 are not required for the BA in Math but both are required for the concentration in finance.
3. MATH 3161 & MATH 3170 are required for the BA in Math. MATH 3170 can be replaced by MATH 3151 Linear Algebra 1 for the concentration in finance.
5. Students may enroll in this course if they are formally enrolled in the program, have completed MATH3080, and have Microsoft Excel Certification.
4. At least 12 credit hours of FIN3xxx must be taken from this list: FIN3110 Financial Institutions and Markets, FIN3200 Corporate Financial Problems, FIN3210 (Corporate Financial Theory, FIN3300 Investments, FIN3310 Analysis of Securities, FIN3410 Multinational Financial Mgmt, and FIN3500 Financial Modeling.